

| Ref # | Hits  | Search Query               | DBs                        | Default Operator | Plurals | Time Stamp       |
|-------|-------|----------------------------|----------------------------|------------------|---------|------------------|
| S2    | 46    | "spatial data mining"      | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 10:36 |
| S4    | 19    | S2 and @ad<="20000918"     | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 10:42 |
| S5    | 3797  | "objective function"       | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 10:42 |
| S7    | 161   | S5 same map                | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 10:43 |
| S8    | 45    | S7 and @ad<="20000918"     | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:08 |
| S9    | 17410 | map same database          | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:08 |
| S10   | 400   | S9 same grid               | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:08 |
| S11   | 76    | S10 same region            | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:08 |
| S12   | 37    | S11 and @ad<="20000918"    | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:23 |
| S13   | 246   | S9 same aggregat\$3        | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:24 |
| S14   | 25    | S13 same display           | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:24 |
| S15   | 9     | S14 and @ad<="20000918"    | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:26 |
| S16   | 221   | "data mining" same map     | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:26 |
| S17   | 73    | S16 same database          | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 11:26 |
| S18   | 13    | S17 and @ad<="20000918"    | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 13:35 |
| S19   | 3953  | geographical same database | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 13:35 |
| S20   | 802   | S19 same map               | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 13:36 |
| S21   | 25    | S20 same grid              | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 13:36 |
| S22   | 14    | S21 and @ad<="20000918"    | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 13:45 |
| S23   | 36674 | map same region            | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 13:45 |
| S24   | 2323  | S23 same database          | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2005/11/02 13:45 |

|     |      |                         |                            |    |    |                  |
|-----|------|-------------------------|----------------------------|----|----|------------------|
| S25 | 142  | S24 same calculat\$3    | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 13:45 |
| S26 | 45   | S25 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 13:53 |
| S27 | 1719 | "pixel grid"            | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 13:53 |
| S28 | 144  | S27 same map            | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 13:53 |
| S29 | 72   | S28 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:25 |
| S30 | 323  | poi same map            | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:25 |
| S31 | 44   | S30 same region         | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:25 |
| S32 | 13   | S31 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:32 |
| S33 | 21   | aoi same map            | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:32 |
| S34 | 7    | S33 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:33 |
| S35 | 1850 | map same aggregat\$3    | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:33 |
| S36 | 816  | S35 same data           | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:33 |
| S37 | 26   | S36 same grid           | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:33 |
| S38 | 54   | S36 same region         | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:33 |
| S39 | 116  | S36 same area           | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:33 |
| S40 | 8    | S37 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:34 |
| S41 | 13   | S38 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:34 |
| S42 | 43   | S39 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:46 |
| S43 | 373  | map same bucket         | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:46 |
| S44 | 33   | S43 same database       | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:47 |
| S45 | 12   | S44 and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/02 14:47 |

|     |      |                                      |                            |    |    |                  |
|-----|------|--------------------------------------|----------------------------|----|----|------------------|
| S47 | 4007 | morimoto.in.                         | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/03 08:52 |
| S49 | 29   | S47 and yasuhiko.in.                 | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/03 11:11 |
| S50 | 635  | (709/200).cccls. and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/03 11:12 |
| S51 | 1440 | (707/100).cccls. and @ad<="20000918" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/03 11:12 |
| S52 | 137  | S50 and map                          | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/03 11:12 |
| S53 | 495  | S51 and map                          | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/03 11:12 |
| S54 | 86   | S53 and geograph\$4                  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2005/11/03 11:12 |